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Approved For Release 2004/02/11 : CIA-RDP78B05703A000200020030-9

PSG/AID-56/70
27 March 1970

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT: Contractual Support, totaling [redacted]
[redacted] on Photo Image
Assessment and Image Processing

1. This memorandum contains a recommendation for contractual support totaling [redacted]. Such request is stated in paragraph 6.

2. During the last year, [redacted] has been instrumental in guiding our mathematical analysis and design of a long-range Microdensitometric Support System on the Center's UNIVAC 494. In order to continue to utilize the expertise available at [redacted] a "time and materials" contract for the sum of [redacted] is proposed.

3. During the implementation of the Center's Microdensitometry Support System, [redacted] will aid in the review of our technical specifications to insure completeness and accuracy. As new mathematical techniques are developed, [redacted] will supply this information on a consultative basis so that system will satisfy the needs of the Center well beyond the implementation date. [redacted] will also support AID in any ADP implementation of their proposed Original Negative Analysis System.

4. [redacted] is to provide the necessary personnel as consultants on the technical and scientific aspects of photo image assessment and image processing. [redacted] with assistance from other members of his staff, are to be made available for a total of 200 hours over a one year period, services to be performed at such times and places as directed by the contract Technical Monitor. The services will include the following:

a. Consultation with AID/PSG on various technical areas associated with implementation of the microdensitometry system. These areas will include sensitometry, data production, frequency plane analysis, and related subjects.

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b. As required, tutorial instruction in the various technical areas associated with image quality evaluation.

c. Review the planned system and provide a review of this system in light of current requirements and operational feasibility.

d. Provide technical assistance to AID in respect to longer range plans for system and product analysis. This consultation will include areas of mensuration accuracy evaluation, duplicate evaluation, and the implementation of advanced methods of original negative quality evaluation.

e. Provide AID with technical support in two dimensional image processing. This support will consist of system capability analysis as directed, analysis of software, tutorial support of image reconstruction and consultation as required.

5. The Project Officer will be [] Applied Mathematics Branch, AID, []. The nature of the work to be performed is to be classified as directed by the Contract Technical Monitor. The contractor will provide Monthly Progress Letters per Specification Number DB-1001, dated 31 August 1968.

6. It is recommended that NPIC award a follow-on contract to them for a period of one year to support AID. This contract should be a "Time and Materials" contract for the sum of []. The amount of the contract is sufficient to cover our expected consultation, training and system review needs under this program.

[]
Chief, Automated Information Division, PSG

Attachment: Form 2420

APPROVED:

ARTHUR C. LUNDAHL
Director
National Photographic Interpretation Center

6 APR 1970

Date

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Distribution:

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REQUEST TO PROCUREMENT DIVISION FOR SERVICES
(other than property or building maintenance and repairs)

OFFICE/DIV/BR NPIC/PSG/AID	REQUEST NO. 5500-1394-70	DATE OF REQUEST 16 February 1970	I CERTIFY THAT <input type="checkbox"/> IN THE ESTIMATED AMOUNT OF \$ <input type="checkbox"/> ARE AVAILABLE. CHARGE TO FAN: 055-3110
PROJECT TITLE Photo Image Assess & Image Proc.	PROJECT OR CONTACT OFFICER <input type="checkbox"/>	EXTENSION B*	SIGNATURE OF BUDGET OFFICER DATE
CONTRACTOR (if known) <input type="checkbox"/>	PROPOSAL NO. AND DATE	CONTRACT & TASK ORDER NO. (if known)	

TYPE OF SERVICE REQUESTED X Consultant on Microdensitometry	
RESEARCH/DEV	TRANSFER OF FUNDS TO OTHER GOVT. AGENCY (specify if applicable)
GRANT	
REPAIR	
MAINTENANCE	
MODIFICATION	

APPLICABLE ONLY TO REPAIRS AND MODIFICATIONS	
TECHNICAL INSPECTION IS REQUIRED BY <input type="checkbox"/> RECEIVING DEPOT T & I <input type="checkbox"/> TECHNICAL MONITOR	
<input type="checkbox"/> ITEMS TO BE PICKED UP OR <input type="checkbox"/> SERVICES PERFORMED AT:	
ITEMS TO BE REDELIVERED TO:	

STERILITY	CONTRACT CLASSIFICATION	WORK CLASSIFICATION	HARDWARE CLASSIFICATION	REPORTS CLASSIFICATION
SC 0	SECRET	As directed by Technical Monitor	N/A	As directed by Technical Monitor
X SC 1				
SC 2				

SHORT SUBSTANTIVE TITLE AND/OR DESCRIPTION OF SERVICE TO BE PERFORMED

Scientific and technical services and support in the areas of photographic image assessment by microdensitometry, two-dimensional image processing and product analysis.

(See reverse for specific information
required on R&D requests.)

DESIGNATION		APPROVAL	
		SIGNATURE	
Chief, PSG		DATE	
Chief, AID			
PROCUREMENT DIVISION USE			
DATE RECEIVED IN PD	RECORDED BY	SECTION ASSIGNED TO	NEGOTIATOR

FORM 2420 REPLACES FORMS
3-67 2420 AND 2420
WHICH MAY BE
USED

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(specify)

(5-12-38)